



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Craig C. Andrews

Serial No.: 10/785,569

Filed: February 24, 2004

For: Electronic Load for the  
Testing of Electrochemical  
Energy Conversion Devices

§  
§  
§  
§  
§  
§  
§  
§  
§

Group Art Unit: 2836

Examiner:

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

CERTIFICATE OF MAILING	
37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U. S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on this date below:	
<u>6-7-2004</u>	<u>Yolanda Charles</u>
Date	Signature

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of candor and good faith set forth in 37 C.F.R. § 1.56, the Applicant hereby discloses on behalf of individuals associated with the filing and prosecution of the present patent application information that might be material to patentability. This disclosure is presented via the enclosed Form PTO-1449.

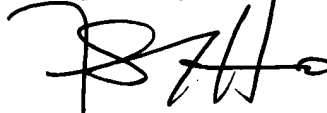
This disclosure is not intended to constitute an admission that any information is "prior art" with respect to the presently claimed invention.

Copies of the patents and publications cited among the disclosed information are enclosed herewith, with the exception of U.S. Patents & U.S. Patent Applications the requirement for copies of which has been waived by the Office Notice of July 11, 2003 (*if the present patent application was filed after June 30, 2003*). Also, as stated in 37 CFR 1.98 (d) a copy of any patent, publication, pending U.S. application, or other information listed in an information disclosure statement is not required to be provided if: (1) the information was previously cited by or submitted to, the Office in a prior application, provided that the prior application is properly identified in the IDS and is relied on for an earlier filing date under 35 USC 120; and (2) the IDS submitted in the earlier application complies with 37 CFR 1.98 (a)-(c).

Therefore, pursuant to 37 CFR 1.98(d), the information listed in this Information Disclosure Statement was previously cited by or submitted to the Office in the following prior patent applications from which this pending application claims priority: US Patent Application No. 09/945,366 filed August 31, 2004, now US Patent No. 6,697,245 which was a continuation of US Patent Application No. 09/267,803, filed March 12, 1999, now US Patent No. 6,324,042.

In the event a fee is required in connection with the enclosed Information Disclosure Statement, the Commissioner of Patents and Trademarks is authorized to charge Deposit Account No. 50-0714/LYNN/0094.B for the necessary amount.

Respectfully submitted,



Frank J. Campigotto  
Registration No. 48,130  
STREETS & STEELE  
13831 Northwest Freeway, Suite 355  
Houston, Texas 77040  
(713) 939-9444  
Attorney for Applicant

**Customer No. 24945**

U.S. Department of Commerce, Patent and Trademark Office	Docket No.	Serial No.
	LYNN/0094.B	10/785,569
LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)	Applicant	
	Craig C. Andrews	
	Filing Date	Group
	February 24, 2004	2836

## U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	A	5,969,514	Oct. 19, 1999	Merrill			
	B	5,512,831	Apr. 30, 1996	Cisar et al			
	C	5,200,692	Apr. 6, 1993	Krinsky et al			
	D	3,617,845	Nov. 02, 1971	William F. McKenna			
	E	4,881,037	Nov. 14, 1989	James G. Bellingham, et al			
	F	5,312,538	May 17, 1994	Pierre M. R. Metrich			

## Foreign Patent Documents

							Translation	
		Document Number	Date	Country	Class	Subclass	Yes	No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	G	Memorandum, Conclusions of Law, and Order, Lynntech, Inc. v. Hydrogenics Corporation; Civil Action No. H-02-0207, January 30, 2003

Examiner	Date Considered
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office	Docket No.	Serial No.
	LYNN/0094.B	10/785,569
LIST OF RELEVANT ART CITED BY APPLICANT	Applicant	
(Use several sheets if necessary)	Craig C. Andrews	
	Filing Date	Group
	February 24, 2004	2836

## U.S. Patent Documents

*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate

## Foreign Patent Documents

								Translation	
	Document Number	Date	Country	Class	Subclass	Yes	No		

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	H	Landgrebe, Albert R., et al.; "Proceedings of the Symposium on Batteries and Fuel Cells for Stationary and Electric Vehicle Applications"; THE ELECTROCHEMICAL SOCIETY, INC.; proceedings Vol. 93-98; pgs. 258 - 268.
	I	Hewlett Packard Service Manual - 300 Watt Single Input Electronic Load HP Model 6060A - for instruments with Serial Numbers 2926A-00461 and Above; August 1989
	J	Anantaraman, A. V., et al.; "Testing of the Ballard Solid Polymer Electrolyte Fuel Cell; pgs. 1 - 7.
	K	Dubose, Ronald A., P.E.; letter dated August 1, 2002 with attached references consisting of purchase orders and a brochure.
	L	Lawrance, R. J., et al.; "Proton Exchange Membrane Fuel Cell Development"; Treadwell Corporation; pgs. 1587 - 1591.
	M	Baron, F.; "European Space Agency Fuel Cell Activities"; Journal of Power Sources, 29 (1990); pgs. 207 - 221.
	N	Vanderborgh, Nicholas E.; et al.; "PEM Fuel Cell Stack Heat and Mass Management"; pgs. 3407 - 3411.
	O	Tanaka, Toshihide; et al.; "Development of Molten Carbonate Fuel Cell Stack at Mitsubishi Electric Corporation; pgs. 1535 - 1539.
	P	Mosdale, Renaut, et al.; "Fabrication of Electrodes for Proton Exchange Membrane Fuel Cells Using a Spraying Method and Their Performance Evaluation"; pgs. 179 - 189.
	Q	Giner, Jose, et al.; "Developoment of An Aqueous Carbonate Fuel Cell"; pgs. 183 - 190.

Examiner	Date Considered
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.



U.S. Department of Commerce, Patent and Trademark Office	Docket No.	Serial No.
	LYNN/0094.B	10/785,569
LIST OF RELEVANT ART CITED BY APPLICANT	Applicant	
(Use several sheets if necessary)	Craig C. Andrews	
	Filing Date	Group
	February 24, 2004	2836

## U.S. Patent Documents

*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate

## Foreign Patent Documents

							Translation	
	Document Number	Date	Country	Class	Subclass	Yes	No	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	R	Buchi, Felix. N., et al.; "In-Situ Membrane Resistance Measurements in PEFC by Fast Current Pulses"; pgs. 236 – 255.
	S	Staschewski, D.; "Hydrogen-Air Fuel Cells of the Alkaline Matrix Type: System Studies and Computerized Performance Tests"; pgs. 357 – 367.
	T	Asan, Supramaniam Sriniv; et al.; "Recent Advances in Solid Polymer Electrolyte Fuel Cell Technology with Low Platinum Loading Electrodes"; Journal of Power Sources, 29 (1990); pgs. 367 – 387.
	U	Oliveira, Julio C.T., et al.; "Performance Evaluation of a H <sub>2</sub> /Air PEM-FC System under Variable Load"; pgs. 451 – 454.
	V	Chamberlin, C.E., et al.; "Preliminary Results of the Schatz Fuel Cell Research Project"; pgs. 1659 – 1665.
	W	Makiel, J. M., et al.; "Testing of a Multi-kwe SOFC Power Generation System"; pgs. 523 – 526.
	X	Booz, Allen & Hamilton, Inc.; "Research, Development and Demonstration of a Fuel Cell/Battery-Powered Bus System Phase 1"; February 28, 1990; Contract DOE-AC08-87NV10650.
	Y	Freni, S., et al.; "Structural Modifications of a Spent Molten Carbonate Fuel Cell"; Journal of Applied Electrochemistry 20 (1990); pgs. 804 – 810.
	Z	Gulzow, E., et al.; "Preparation and Characterization of Gas Diffusion Electrodes for Alkaline Fuel Cells"; pgs. 453 – 456.

Examiner	Date Considered
----------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.